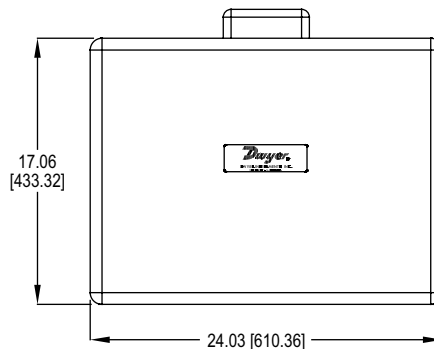


TEST, ADJUST, AND BALANCE KIT

A Complete Balancing Technician Solution



WHAT'S INCLUDED



160G



RP3-NIST



AP3-NIST



VP3-NIST



DP3-NIST



TAC-L-NIST



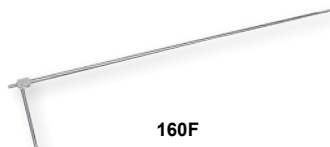
CM-1-NIST



490W



TM99A



160F



A-303



160-18



1075

The **Series TABKIT Test, Adjust, and Balance Kit** combines all essential air, water, temperature, humidity, and electrical test instruments are included in this kit, creating the ultimate air and water balancing solution. The Series TABKIT has everything a balancing technician needs in a single case. A certificate of NIST calibration is included for each instrument inside the kit, ensuring accurate, durable, repeatable, and reliable measurements every time. When the products need to be recalibrated, save time by sending everything back to Dwyer. Our lab is able to service all equipment within the kit, and ensure they're as accurate as the day you originally received them.

BENEFITS/FEATURES

- Everything a balancing technician needs in a single case
- Best in class low flow velocity readings
- Repeatable measurements

APPLICATIONS

- Building balancing
- Building commissioning
- Testing HVAC equipment performance

MODEL CHART

Model	Description
TABKIT-NIST	Complete NIST calibrated test, adjust, and balance kit with hard carrying case

SPECIFICATIONS

AIR

SERIES DP3

Accuracy*: $\pm 0.5\%$ FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).

Pressure Limits: ± 10 in w.c. (± 2.5 kPa).

Temperature Limits: Operating: -4 to 140°F (-20 to 60°C); Storage: -40 to 185°F (-40 to 85°C).

MODEL AP3

Range: Air velocity: 45 to 6000 FPM (0 to 30 m/s); Volumetric air: 999,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C).

Accuracy: Air velocity*: $\pm 3\%$ FS within temperature range of 40 to 90°F (4 to 32°C) -TAB option: 50 to 3900 FPM (0.25 to 20 m/s); Temperature: $\pm 0.5^\circ\text{F}$ ($\pm 0.28^\circ\text{C}$).

MODEL VP3

Range: Air velocity: 40 to 5000 FPM (0.2 to 25 m/s); Volumetric air: 999,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C); Relative humidity: 0 to 100% RH.

Accuracy: Air velocity*: 100 to 3900 FPM: $\pm 5\%$ of reading ± 7 FPM (0.5 to 20 m/s); $\pm 5\%$ of reading ± 0.04 m/s; Temperature: $\pm 0.9^\circ\text{F}$ @ 77°F ($\pm 0.5^\circ\text{C}$ @ 25°C); Relative humidity: $\pm 2\%$ @ 77°F (25°C) (10 to 90% RH); $\pm 4\%$ (0 to 10% RH and 90 to 100% non-condensing).
Resolution: 1 FPM (0.001 m/s).

TEMPERATURE

MODEL TM99A and SERIES 1075

Range: 0 to 200°F (-20 to 100°C).

Accuracy*: $\pm 0.5\%$ of reading + 2.0°F ($\pm 0.5\%$ of reading + 1.0°C).

Resolution: 0.1°F (0.1°C).

*NIST calibrated.

Note: See website for more detailed specifications.

Note: Instruments meet or exceed NEBB requirements.

HUMIDITY

MODEL RP3

Range: RH: 0 to 100% (non-condensing); Temperature: -22 to 140°F (-30 to 60°C).

Accuracy: RH*: $\pm 2\%$ @ 25°C (10 to 90% RH); $\pm 4\%$ (0 to 10, 90 to 100% RH); Temperature: $\pm 0.9^\circ\text{F}$ @ 77°F ($\pm 0.5^\circ\text{C}$ @ 25°C).

ELECTRICAL

MODEL CM-1*

AC Voltage: 0.1-600 V $\pm$ (1.0% + 5 dgt).

DC Voltage: 0.1-600 V $\pm$ (1.0% + 3 dgt).

AC Current: 0.1-400 A $\pm$ (2.0% + 10 dgt).

Resistance: 0.1-400 Ω $\pm$ (1.0% + 5 dgt).

ROTATION

MODEL TAC-L

Range: Non-contact (RPM): 2.5 to 99,999 RPM; Contact (RPM): 0.5 to 19,999 RPM; Surface speed (m/min): 0.05 to 19,999 m/min.

Resolution: Non-contact* (RPM): 0.1 RPM (2.5 to 999.9 RPM), 1 RPM (1000 to 19,000 RPM); Surface speed (m/min): 0.01 m/min (0.05 to 99.99 m/min), 0.1 m/min (100.0 to 1999.9 m/min).

HYDRONIC

A-490W-6

Range: 0.4 to 200 psi (3 to 1400 kPa); 0.4 to 75 psi (3 to 500 kPa).

Accuracy*: 2% of reading ± 1 psi (2% of reading ± 7 kPa); 2% of reading ± 0.5 psi (2% of reading ± 3.5 kPa).

Resolution: 0.1 psi (1.0 kPa); 0.01 psi (0.1 kPa).

USA: California Proposition 65

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.